JUL 0 9 2008

PTO/SB/08a/b (05-03)
Approved for use through 05/31/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
ider the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Complete if Known Substitute for form 1449/PTO Application Number 09/277,356 **INFORMATION DISCLOSURE** Issue Date March 26, 1999 STATEMENT BY APPLICANT First Named Inventor Byoung-Ku KIM, et al Art Unit 2871 (use as many sheets as necessary) DUDEK, James Examiner Name Sheet 1 4 8733.084 of Attorney Docket Number

	U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
Initials*	No.1	Number-Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
		2003/0189681	10/2003	Han et al.			
		4,111,533	9/1978	Nakamura et al.			
		4,165,607	09/1978	Nakamura et al			
		4,422,728	12/1983	Andreaggi			
		4,755,035	07/1998	Kopish et al			
		4,781,422	11/1988	Kimble			
		4,796,977	1/1989	Drake			
		4,937,709	6/1990	Yanagi et al.			
		4,959,887	10/1990	Gruenberg et al.			
		5,002,368	03/1991	Anglin			
		5,102,084	4/1992	Park			
		5,103,377	4/1992	Kobayashi et al			
_		5,168,426	12/1992	Hoving et al.			
		5,173,837	12/1992	Blackwell et al.			
		5,195,213	03/1993	Ohgami et al			
		5,233,502	08/1993	Beatty et al.			
		5,238,421	08/1993	Kobayashi			
		5,264,992	11/1993	Hogdahl et al			
		5,268,816	12/1993	Abell, Jr. et al.			
		5,268,817	12/1993	Miyagawa et al			
		5,276,589	01/1994	Bartlett et al.			
		5,313,318	05/1994	Gruenberg et al			
		5,328,379	07/1994	Kobayashi			
		5,363,227	11/1994	Ichikawa et al			
		5,379,187	01/1995	Fujimori, et al			
		5,422,751	06/1995	Lewis et. al.			
		5,432,626	07/1995	Sasugar et al.			
		5,486,942	01/1996	Ichikawa et al			
		5,494,447	02/1996	Zaldan			
		5,504,605	4/1996	Sakuma et al.			
		5,559,670	09/1996	Flint et al.			
		5,566,048	10/1996	Esterberg et al.			
		5,619,351	04/1997	Funamoto et al			
		5,634,351	06/1997	Larson et al.			
		5,636,101	06/1997	Bonsall et al.			
		5,636,102	06/1997	Fujino et al.			
		5,644,516	07/1997	Podwalny et al			
		5,654,779	08/1997	Nakayama et al.			
		5,666,172	09/1997	lda et al.			
		5,680,183	10/1997	Sasugar et al.			
		5,682,645	11/1997	Watabe et al.			
		5,717,566	02/1998	Tao			
		5,771,539		Wahlstedt et al.			
		5,777,704	07/1998	Selker			
		5,815,225	09/1998	Nelson			
		5,825,613	10/1998	Holden			

Examiner	Date	
Signature	Considered	

PTO/SB/08a/b (05-03)

Approved for use through 05/31/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Sut	Substitute for form 1449/PTO			Complete if Known		
				Application Number	09/277,356	
11	NFORMATION	1 DI	SCLOSURE	Issue Date	March 26, 1999	
S	TATEMENT B	3Y /	APPLICANT	First Named Inventor	Byoung-Ku KIM, et al	
				Art Unit	2871	
	(use as many sh	eets as	necessary)	Examiner Name	DUDEK, James	
Sheet	2	of	4	Attorney Docket Number	8733.084	

	5,872,006	2/16/1999	Kim	
	5,872,604	2/16/1999	Kim	
	5,872,606	2/1993	Kim	
	5,926,237	09/20/1999	Yun, et al	
	6,002,457	12/14/1999	Yun et al	
	6,002,582	12/1999	Yeager et al.	
	6,020,942	02/2000	Yun et al	
	6,064,565	5/2000	Ishihara et al.	
	6,144,423	11/7/2000	Kim	
	6,304,432	11/6/2001	Kim	
	6,330,148	12/2001	Won et al.	
	6,373,537	04/162002	Yun, et al	
	6,411,501	6/25/2002	Cho	-
	6,498,718	12/2002	Kim et al.	
	6,501,641	12/2002	Kim et al.	
	6,512,558	1/2003	Kim	
	6,618,240	9/2003	Kim	
	6,693,794	2/17/2004	Kim	

		FOREI	GN PATENT	DOCUMENTS	······································	
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		JP H01-059223		Yoshitada		
		JP H03-006670	04/13/1989	Yoshimasa		
		EP 1 052 536 A3	01/23/1991	LG. Electronics Inc, et al		
		EP 0 880 049 A1	02/28/2001	LG Electronics Inc.		Г
		DE 41 20 950	11/25/1998	Shinzo		
		EP 0 317 261	12/24/1992	Sony Corp		
		EP 0 425 793	05/24/1989	Tokyo Shibaura Electric Co.		
		EP 0 454 120	05/08/1991	Tokyo Shibaura Electric Co.	<u> </u>	
		EP 0 587 144	03/17/1993	Seiko Epson Corp		
		EP 0 604 872	03/16/1994	Citizen Watch Co.		
		EP 0 620 473	07/06/1994	France Telecom		1
		GB 2 305 689	10/19/1994	Hewelett Packard		
		GB 2 305 690	04/16/1997	Hewelett Packard		
		JP S59-020273	04/16/1997	Sharp Corporation		
		JP S62-137479	02/07/1984	Sanyo Electric		
		JP S62-269931	08/29/1987	Matsushita		
		JP H01-094983	11/24/1987	Kyushu Hitachi Maxell		
		JP H01-211721	04/13/1989	Sanyo Electric		
		JP H01-237591	09/22/1989	Toshiba		
		JP H02-079893	03/20/1990	Kimoto Co.		
		JP H02-083573	06/28/1990	Clarion Co.		
		JP H02-244190	09/28/1990	Hitachi		
		JP H03-156488	07/04/1991	NEC Corporation		
		JP H04-020086	02/19/1992	Toshiba		
		JP H04-051595	02/20/1992	Hitachi		
		JP H05-050428	07/02/1993	Tokyo Electric		
		JP H05-080344	04/02/1993	Rohm Co.		

Examiner	Date
Signature	Considered

Su	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known			
				Application Number	09/277,356
	NFORMATIC	ON DIS	CLOSURE	Issue Date	March 26, 1999
5	STATEMENT BY APPLICANT			First Named Inventor	Byoung-Ku KIM, et al
				Art Unit	2871
	(use as many	sheets as ne	ecessary)	Examiner Name	DUDEK, James
Sheet	3	of	4	Attorney Docket Number	8733.084

r	JP H06-021018	03/18/1994	Japan Aviation Electronics	
 	JP H06-348364		<u> </u>	
		12/22/1994	Kyocera Corp	
<u>_</u>	JP H07-199180	08/04/1995	Hitachi	
	JP H07-261187	10/13/1995	Hitachi	
L	JP H07-281184	10/27/1995	Hitachi	
	JP H07-044577	11/1995	Sanyo Electric	
	JP H07-044579	11/1995	Sanyo Electric	
	JP H08-211964	08/20/1996	Hitachi	
	JP S52-045367	09/04/1977	Seiko Instr & Electronics	
	JP H09-026753	01/09/1997	Tetsuo	
	JP H09-146466	06/06/1997	Sanyo Electric Co	
	JP H09-199875	07/31/1997	Matsushita Electric Ind. Co.	
	JP H09-297542	11/18/1997	Tokyo Shibaura Electric	
	JP H09-311319	12/02/1997	Advanced Display KK	
	JP H10-301095	11/13/1998	Citizen Watch Co.	
	KR 2003-0080126	10/11/2003	LG Electronics Inc.	
	KR 2003-0080125	10/11/2003	LG Electronics Inc.	
	WO 96/27147	09/06/1996	Hitachi	
	JP H03 001011	06/08/1994	Funai	
	JP H05-042853 A	02/23/1993	Hitachi	
	JP H03-200282 A	09/02/1991	Casio Computer Co.	
	JP H04-056822 A	02/24/1992	Seiko Epson Corp	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language. ¹ Translation is attached. language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS						
Examiner Initials								
	CA	"Nikkei Microdevice Special Issue Flat Panel Display 1997", December 12, 1996 at p. 49						
		Appln for MCCARTNEY, Richard, et al; The Primary Flight Instruments for the Boeing 777 Airplane; SPIE Vo. 2219 Cockpit Display; 1994; 13 pgs.						
		Appln for SMITH-GILLESPIE, Robert D., et al; 777 LCD Backlight Life; SPIE Vo. 2219 Cockpit Display; 1994; 9 pgs.						
		Appln for WOOD, Ted; Honeywell Militarized Color Liquid Crystal Displays for the F-16; SPIE Vo. 2734; 1994; 12 pgs.						
		KAWAMOTO, Masahiro, et al; Color-Liquid-Crystal Display for Automotive Instrument Panel (English Trnsltn included); 14 pgs.						
		Prosecution History of European Patent No. 0880049; 184 pgs.						
		Prosecution History of European Patent No. 297 12775; 53 pgs.						
		Prosecution History of European Patent No. 297 21 272.9; 45 pgs.						
		Prosecution History of European Patent No. 2 319 110; 124 pgs.						

Examiner	Date
Signature	Considered

PTO/SB/08a/b (05-03)
Approved for use through 05/31/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Sut	Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known		
				Application Number	09/277,356
11				Issue Date	March 26, 1999
S				First Named Inventor	Byoung-Ku KIM, et al
				Art Unit	2871
	(use as many sh	eets as	necessary)	Examiner Name	DUDEK, James
Sheet	4	of	4	Attorney Docket Number	8733.084

Prosecution History of European Patent No. 2 761 798; 22 pgs.	
 Prosecution History of European Patent No. 197 3 006; 44 pgs.	
 Prosecution History of Singapore Patent No. 9800814-7; 52 pgs	
Prosecution History of European Patent No. 0 880 049; 53 pgs	
Prosecution History of European Patent No. 00115576; 32 pgs	
English language translation dated April 9, 1999 of attachment to Japanese Patent Appln. H09-135610, (17 pgs.)	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.